

Applicants  
**Michael A. FREEMAN et al.**

Filing Date	Group
<b>November 13, 2000</b>	<b>1712</b>

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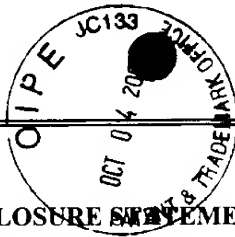
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Sheet 1 of 13



Form PTO-1449 (Modified)

Atty. Docket No.  
**1894-00501**

Serial No.  
**09/711,655**

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant  
**Michael A. FREEMAN et al.**

Filing Date  
**November 13, 2000**

Group  
**712**

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>[Handwritten: 2]</i>	AA	2,343,136	02/29/44	<i>Dobson et al.</i>	252	8.55	<i>07/07/1941</i>
	AB	2,602,778	07/08/52	<i>Snyder et al.</i>	252	8.55	03/10/1949
	AC	2,651,500	09/08/53	<i>Teichmann</i>	255	1.8	05/04/1948
	AD	2,681,704	06/22/54	<i>Menaul</i>	166	22	01/02/1951
	AE	2,801,218	07/30/57	<i>Menaul</i>	252	8.55	06/18/1954
	AF	2,807,570	09/24/57	<i>Updegraff</i>	195	3	01/16/1953
	AG	3,288,211	11/29/66	<i>Johnston</i>	166	9	02/13/1964
	AH	3,628,615	12/21/71	<i>Chenevert</i>	175	65	01/26/1970
	AI	3,634,227	01/11/72	<i>Patterson, Jr.</i>	210	11	09/09/1969
	AJ	3,635,797	01/18/72	<i>Battistoni et al.</i>	195	56	11/18/1968
<i>[Handwritten: 1]</i>	AK	3,684,710	08/15/72	<i>Cayle et al.</i>	252	8.55	12/19/1969

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
<i>[Handwritten: 1]</i>	AL	0 356 239 B1	02/22/95	EPO	C11D	3/386	yes	
	AM	0 361 677 B2	07/04/01	EPO	C11D	17/00	yes	
	AN	0 030 393 B1	06/15/83	EPO	C 12 N	9/24	yes	
	AO	0 880 892 A1	02/12/98	EPO	A01N	25/10	yes	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>[Handwritten: 1]</i>	AP	SPE 36429, by Beall et al., "Evaluation of a New Technique for Removing Horizontal Wellbore Damage Attributable to Drill-in Filter Cake," October 6-9, 1996.
<i>[Handwritten: 2]</i>	AQ	Borman, "Bacteria That Flourish Above 100° C Could Benefit Industrial Processing," C&EN -- Science/Technology, 31-34, November 4, 1991.
<i>[Handwritten: 3]</i>	AR	SPE 29822, Brannon and Tjon-Joe-Pin, "Application of Polymeric Damage Removal Treatment Results in Multi-Fold Well Productivity Improvement: A Case Study," pp. 491-501, March 11-14, 1995.

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Form PTO-1449 (Modified)

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 Atty. Docket No.  
 1894-00501

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**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
P	AS	3,765,918	10/16/73	Jordan et al.	106	20	07/17/1972
	AT	3,841,419	10/15/74	Russell	175	40	09/14/1973
	AU	3,954,627	05/04/76	Dreher et al.	252	8.5 P	11/07/1973
	AV	3,966,618	06/29/76	Colegrove	252	8.55 D	10/10/1974
	AW	4,003,846	01/18/77	Kuhn et al.	252	316	11/13/1974
	AX	4,016,085	04/05/77	Finn et al.	252	8.5 C	07/02/1975
	AY	4,039,028	08/02/77	Knight	166	246	11/03/1975
	AZ	4,119,546	10/10/78	Wernau	252	8.55 D	05/03/1977
	BA	4,157,116	06/05/79	Coulter	166	280	06/05/1978
M	BB	4,160,483	07/10/79	Thomas et al.	166	307	07/21/1978

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation	
							YES	NO
P	BC	0 954 966 A1	11/10/99	EPO	A01N	25/10	yes	
	BD	WO 91/18974	12/12/91	PCT	C12N	9/00	yes	
	BE	WO 97/24178	12/12/91	PCT	B01J	13/16	yes	
	BF	WO 92/20771	11/26/92	PCT	C11D	3/386	yes	
	BG	WO 94/01654	01/20/94	PCT	E21B	37/08	yes	
M	BH	WO 98/20230	05/14/98	PCT	E21B	37/06	yes	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

P	BI	SPE 28513, Brannon and Tjon-Joe-Pin, "Biotechnological Breakthrough Improves Performance of Moderate to High-Temperature Fracturing Applications," pp. 513-530, September 25-28, 1994.					
M	BJ	SPE 27393, Burnett, "Using a Physical Wellbore Model to Study Formation Damage Problems In Well Completions," pp. 495-504, February 7-10, 1994.					

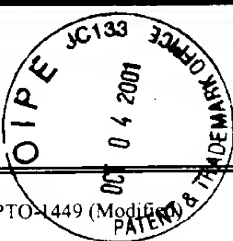
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09/711,655**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

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Applicant  
Michael A. FREEMAN et al.Filing Date  
November 13, 2000Group  
1712**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
P1	BK	4,182,860	01/08/80	Naslund et al.	536	114	05/09/1977
	BL	4,202,795	05/13/80	Burnham et al.	252	332	09/28/1978
	BM	4,207,194	06/10/80	Sharpe et al.	252	8.55 R	06/08/1978
	BN	4,290,899	09/22/81	Malone et al.	252	8.5 A	01/04/1979
	BW	4,310,425	01/12/82	Key et al.	252	8.5 A	04/17/1980
	BE	4,326,037	04/20/82	Griffith et al.	435	274	11/01/1979
	BQ	4,342,866	08/03/82	Kang et al.	536	119	04/23/1981
	BM	4,343,363	08/10/82	Norton et al.	166	281	01/02/1981
	BS	4,359,392	11/16/82	Rygg	252	8.55 R	12/29/1980
P9	BT	4,384,963	05/24/83	Soepenberget al.	252	8.5 C	06/11/1980

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation	
							YES	NO
P7	BU	2 283 519 B	05/10/95	UK	E 21 B	37/08	yes	
P7	BV	2 338 254 A	12/15/99	UK	E 21 B	37/08	yes	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

P	BW	Cadmus and Slodki, "Bacterial Degradation of Xanthan Gum," Industrial Polysaccharides: Genetic Engineering, Structure/Property Relations and Applications edited by M. Yalpani, pp. 101-107, 1987.
	BX	Cadmus and Slodki, "Enzymic Breakage of Xanthan Gum Solution Viscosity in the Presence of Salts," Developments in Industrial Microbiology, 26:281-289, August 11-17, 1984.
	BY	Chilingarian, et al., "Drilling and Drilling Fluids, Developments in Petroleum Science," p. 11, 1981.
P	BZ	Helmick and Longley, "Pressure-Differential Sticking of Drill Pipe and How it Can Be Avoided or Relieved," API Drill. Prod. Prac., pp. 55-60, 1957.

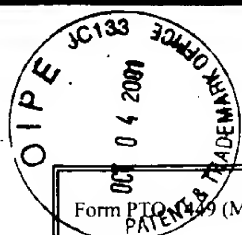
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Form PTO-449 (Modified)

App. Docket No.  
1894-00501Serial No.  
09/711,655

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Applicant  
Michael A. FREEMAN et al.Filing Date  
November 13, 2000Group  
1712

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
Pt	CA	4,406,798	09/27/83	Miller et al.	252	8.55 D	08/24/1981
	CB	4,410,625	10/18/83	Cadmus	435	42	02/04/1982
	CC	4,414,334	11/08/83	Hitzman	435	262	08/07/1981
	CD	4,423,781	01/03/84	Thomas	166	312	05/03/1982
	CO	4,450,908	05/29/84	Hitzman	166	246	04/30/1982
	CF	4,474,240	10/02/84	Oliver, Jr. et al.	166	312	01/24/1983
	CG	4,479,543	10/30/84	Kalfayan et al.	166	300	07/28/1983
	CJ	4,486,340	12/04/84	Glass, Jr.	252	8.55 D	06/24/1982
	CJ	4,502,967	03/05/85	Conway	252	8.55 R	05/08/1984
Pt	CJ	4,506,734	03/26/85	Nolte	166	308	09/07/1983

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
Pt	CK	DD221791A1	02/10/84	Germany	E21B	43/00	yes	
Pt	CL	DD240905A1	09/13/85	Germany	C09K	7/02	yes	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Pt	CM	SPE 31082, Hodge et al., "Evaluation and Selection of Drill-in Fluid Candidates to Minimize Formation Damage," pp. 101-115, February 14-15, 1996.
	CN	Jeanes, "Applications of Extracellular Microbial Polysaccharide-Polyelectrolytes: Review of Literature, Including Patents," J. Polymer Sci.: Symposium No. 45, 209-227, 1974.
	CO	Kelly and Brown, "Enzymes From High-Temperature Microorganisms," Current Opinion in Biotechnology, 4:188-192, 1993.
Pt	CP	H.D. Outmans, "Mechanics of Differential-Pressure Sticking of Drill Collars," Trans. AIME, Vol. 213, pp. 265-274, 1958.

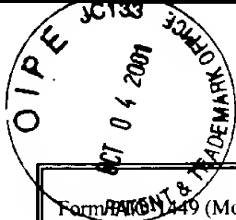
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Form <b>PATENT</b> 149 (Modified)		Atty. Docket No. <b>1894-00501</b>	Serial No. <b>09/711,655</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)			
Applicant <b>Michael A. FREEMAN et al.</b>			
Filing Date <b>November 13, 2000</b>			Group <b>1712</b>

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>P</i>	CQ	4,514,309	04/30/85	Wadhwa	252	8.55 R	12/27/1982
	CR	4,519,922	05/28/85	Sutton et al.	252	8.5 B	03/21/1983
	CS	4,535,153	08/13/85	Kang et al.	536	123	03/08/1984
	CT	4,539,122	09/03/85	Son et al.	252	8.55 R	02/21/1984
	CU	4,541,485	09/17/85	Block	106	281	06/24/1983
	CV	4,552,591	11/12/85	Millar	106	18.33	05/15/1984
	CW	4,552,673	11/12/85	Grolitzer	252	8.55 R	10/24/1983
	CX	4,561,985	12/31/85	Glass, Jr.	252	8.5 A	06/28/1982
	CY	4,575,551	03/11/86	Fujiyama et al.	536	123	10/25/1983
<i>P</i>	CZ	4,607,099	08/19/86	Kanda et al.	536	114	12/03/1984

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>P</i>	DA	LeBlanc, "Limiting, Treating Formation Damage in Horizontal, Extended Reach Wells Offshore" pp. 56-61, June 1996.
<i>P</i>	DB	McLarty et al., "Overview of Offshore Horizontal Drilling/Completion Projects in Unconsolidated Sandstones in the Gulf of Mexico," OTC 7352, 861-868, May 3-6, 1993.
<i>P</i>	DC	SPE 30528, Ryan et al., "Mud Clean-Up in Horizontal Wells: A Major Joint Industry Study," pp. 801-810, October 22-25, 1995.
<i>P</i>	DD	M.J. Economides et al., "Petroleum Well Construction," John Wiley and Sons, N.Y., p. 121, 1988.
<i>P</i>	DE	Slodki and Cadmus, "Production and Stability of Xanthan Gums; Xanthanases and Their Applicability," Microbes and Oil Recovery Vol. 1, International Bioresources Journal, pp. 190-199, 1985.

EXAMINER <i>P. TUCKER</i>	DATE CONSIDERED <i>4/03</i>
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Form PTO 1449 (Modified)

Atty. Docket No.  
1894-00501Serial No.  
09/711,655

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Michael A. FREEMAN et al.Filing Date  
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1712

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PT	DL	4,609,475	09/02/86	Hanlon et al.	252	8.55 B	02/24/1984
	DG	4,615,740	10/07/86	Ppelezo et al.	106	177	03/08/1985
	DH	4,619,764	10/28/86	Church et al.	210	248	06/19/1984
	DP	4,619,772	10/28/86	Black et al.	252	8.514	05/23/1982
	DJ	4,622,153	11/11/86	Watson et al.	252	8.514	01/25/1980
	DK	4,665,985	05/19/87	Berrod et al.	166	281	02/19/1985
	DL	4,690,891	09/01/87	Hou et al.	435	42	09/11/1985
	DM	4,713,449	12/15/87	Vanderslice et al.	536	123	08/06/1985
	DN	4,741,401	05/03/88	Walles et al.	166	300	01/16/1987
PT	DO	4,756,836	07/12/88	Jeffrey et al.	210	750	05/07/1986

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	DP	Cadmus et al., "High-Temperature, Salt-Tolerant Xanthanase," Journal of Industrial Microbiology, 4:127-133, 1993.
PT	DP	Cadmus et al., "Biodegradation of Xanthan Gum by Bacillus sp.," Applied and Environmental Microbiology, 5-11, 1982.
PT	DR	Ahlgren, "Characterization of Xanthan Gum Degrading Enzymes from a heat-stable, Salt-tolerant Bacterial Consortium," in Microbial Enhancement of Oil Recovery: Recent Advances, edited by Premuzic and Woodhead, published by Elsevier, Amsterdam, pp. 55-63, 1993.
PT	DS	H.C.H. Darley & George R. Gray, "Composition and Properties of Drilling and Completion Fluids," (5th Ed.), pp. 1-37, 1988.

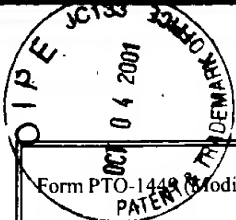
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**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
Pt	DT	4,770,796	09/13/88	Jacobs	252	8.553	01/12/1987
	DU	4,809,783	03/07/89	Hollenbeck et al.	166	307	01/14/88
	DV	4,886,746	12/12/89	Cadmus et al.	435	42	05/10/1988
	DW	4,899,818	02/13/90	Jennings, Jr. et al.	166	270	12/30/1988
	DX	4,919,209	04/24/90	King	166	300	01/17/1989
	DY	4,928,763	05/29/90	Falk	166	250	03/31/1989
	DZ	4,940,539	07/10/90	Weber	210	149	05/06/1989
	EA	4,941,533	07/17/90	Buller et al.	166	252	05/16/1989
	EB	4,957,165	09/18/90	Cantu et al.	166	295	06/19/1989
Pt	EC	4,968,532	11/06/90	Janssen et al.	427	164	01/13/1989

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Pt	ED	Ahlgren, "Purification and Characterization of a Pyruvated-Mannose-Specific Xanthan Lyase from Heat-Stable, Salt-Tolerant Bacteria," Applied and Environmental Microbiology, 57(9):2523-2528, September 1991.
Pt	EF	Ahlgren, "Purification and Properties of a Xanthan Depolymerase from a Heat-Stable Salt-Tolerant Bacterial Consortium," Journal of Industrial Microbiology, 12:87-92, 1993.
Pt	EG	SPE 39439, H.J.K. Ladva et al., "Mechanisms of Sand Control Screen Plugging From Drill-In Fluids and its Cleanup Using Acid, Oxidizers and Enzyme Breakers," February 18, 1998.
Pt	EH	SPE 50709, "New Enzyme Process for Downhole Cleanup of Reservoir Drilling Filtering Cake," (1999).

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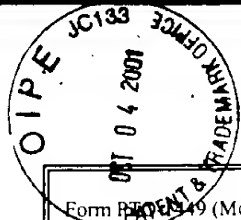
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P	EL	4,978,481	12/18/90	Janssen et al.	264	1.4	01/13/1989
	EJ	4,996,153	02/26/91	Cadmus et al.	435	209	08/29/1989
	EK	5,032,297	07/16/91	Williamson et al.	252	8.551	05/19/1989
	EL	5,035,900	07/30/91	Langley et al.	424	484	08/24/1989
	EM	5,055,209	10/08/91	Bridges et al.	252	8.51	05/01/1989
	EN	5,067,566	11/26/91	Dawson	166	308	01/14/1991
	EO	5,094,785	03/10/92	Law et al.	264	4.3	11/22/1989
	EP	5,102,558	04/07/92	McDougall et al.	252	8.551	01/04/1991
	EO	5,102,559	04/07/92	McDougall et al.	252	8.551	01/04/1991
P	ER	5,103,905	04/14/92	Brannon et al.	166	209	05/03/1990

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

P	ES	SPE 58749, "Factors Affecting the Performance of Enzyme Breakers for Removal of Xanthan-Based Filter Cakes," M.R. Luyster, T.D. Monroe, S.A. Ali, February 23-24, 2000.
P	ET	SPE 19433 (Part 1), "Encapsulated Breaker for Aqueous Polymeric Fluids," J. Gulbis, M.T. King, G.W. Hawkins, and H.D. Brannon, Society of Petroleum Engineers, Inc., February 22-23, 1990.
P	EU	SPE 19433 (Part 2), "Encapsulated Breaker for Aqueous Polymeric Fluids," J. Gulbis, M.T. King, G.W. Hawkins, and H.D. Brannon, Society of Petroleum Engineers, Inc., February 1992.
P	EV	"New Applications for Enzymes in Oil and Gas Production," R.E. Harris, I.D. McKay, Petroleum Engineer International, pp. 65-69, April 1999.

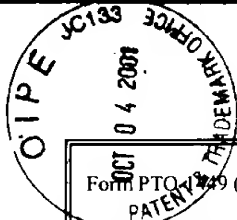
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Form PTO-29 (Modified)

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PT	EW	5,106,518	04/21/92	Cooney et al.	252	8.551	11/09/1990
	EX	5,110,486	05/05/92	Manalastas et al.	252	8.551	03/28/1991
	FB	5,126,051	06/30/92	Shell et al.	210	632	12/21/1990
	EZ	5,164,099	11/17/92	Gupta et al.	252	8.551	12/06/1990
	FB	5,165,477	11/24/92	Shell et al.	166	291	04/08/1992
	FB	5,194,263	03/16/93	Chamberlain et al.	504	347	08/26/1991
	FC	5,201,370	04/13/93	Tjon-Joe-Pin	166	300	02/26/1992
	FD	5,224,544	07/06/93	Tjon-Joe-Pin et al.	166	295	02/26/1992
	FE	5,226,479	07/13/93	Gupta et al.	166	300	01/09/1992
PT	FC	5,247,995	09/28/93	Tjon-Joe-Pin et al.	166	312	07/08/1992

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	FG	IADC/SPE 39380, "New Treatment for Removal of Mud Polymer Damage in Multi-Lateral Wells Drilled Using Starch Based Fluids," by K.P. O'Driscoll and N.M. Amin, BJ Services Co. Middle East, and I.Y. Tantawi, Zakum Development, IADC/SPE Drilling Conference, 1998.
PT	FH	SPE 35594, "Utilization of Polymer Linkage Specific Enzymes to Degrade HEC Polymer in Water Based Drilling and Gravel Packing Fluids," by W.D. Wood, SPE, BJ Services, E.L. Dennis, SPE, Chevron U.S.A., Gregory D. Dean, SPE BJ Services, Society of Petroleum Engineers, 1996.

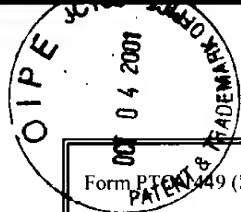
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Form PTO 449 (Modified)

Atty. Docket No.  
**1894-00501**

Serial No.  
**09/711,655**

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Applicant  
**Michael A. FREEMAN et al.**

Filing Date  
**November 13, 2000**

Group  
**1712**

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
PT	FI	5,310,721	05/10/94	Lo	504	116	04/27/1993
	FJ	5,324,445	06/28/94	Langley et al.	252	174.12	07/23/1991
	FP	5,370,184	12/06/94	McDougall et al.	166	278	06/02/1993
	FL	5,373,901	12/20/94	Norman et al.	166	300	07/27/1993
	FM	5,421,412	06/06/95	Kelly et al.	166	300	03/10/1994
	FN	5,437,331	08/01/95	Gupta et al.	166	300	08/24/1994
	FO	5,441,109	08/15/95	Gupta et al.	166	300	04/19/1994
	FP	5,447,197	09/05/95	Rae et al.	166	293	01/25/1994
	FO	5,460,817	10/24/95	Langley et al.	424	408	03/12/1993
PT	FP	5,492,646	02/20/96	Langley et al.	252	174	11/15/1993

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

PT	FS	SPE 38570, "Field Experience Validates Effectiveness of Drill-In Fluid Cleanup System," by B.B. Beall, SPE, R. Tjon-Joe-Pin, SPE, and H.D. Brannon, SPE, BJ Services Co., U.S.A., Society of Petroleum Engineers, 1997.
PT	FT	SPE 38162, "Biotechnological Treatment Removes Xanthan-Based Skin Damage," by R.M. Tjon-Joe-Pin, SPE, B.B. Beall, H.D. Brannon, SPE, BJ Services Co., Society of Petroleum Engineers, 1997.

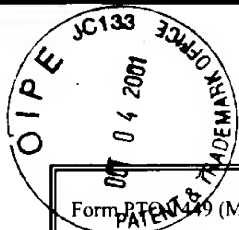
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**1894-00501**Serial No.  
**09/711,655****INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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**1712****REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>PT</i>	FU	5,551,515	09/03/96	<i>Fodge et al.</i>	166	300	05/26/1995
	FV	5,562,160	10/08/96	<i>Brannon et al.</i>	166	250.1	10/18/1995
	FW	5,566,759	10/22/96	<i>Tjon-Joe-Pin et al.</i>	166	300	01/09/1995
	FX	5,580,844	12/03/96	<i>Swarup et al.</i>	507	201	05/27/1994
	FY	5,591,700	01/07/97	<i>Harris et al.</i>	507	204	12/22/1994
	FZ	5,604,186	02/18/97	<i>Hunt et al.</i>	507	204	02/15/1995
	GA	5,678,631	10/21/97	<i>Salisbury et al.</i>	166	300	06/07/1995
	GB	5,678,632	10/21/97	<i>Moses et al.</i>	166	300	02/28/1996
	GC	5,805,264	09/08/98	<i>Janssen et al.</i>	351	160 R	01/26/1994
<i>PT</i>	GA	5,806,597	09/15/98	<i>Tjon-Joe-Pin et al.</i>	166	300	05/01/1996

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

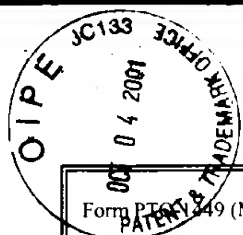

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Sheet 12 of 13

Form PTO-149 (Modified)

Atty. Docket No.  
1894-00501Serial No.  
09/711,655

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Michael A. FREEMAN et al.Filing Date  
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1712

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
P	GE	5,813,466	09/29/98	Harris et al.	166	300	02/24/1997
	GF	5,837,290	11/17/98	Hasslin	424	489	06/05/1995
	GG	5,881,813	03/16/99	Brannon, et al.	166	304	11/06/1996
	GH	5,895,757	04/20/99	Pope	435	176	08/18/1997
	GI	5,908,623	06/01/99	Baetge et al.	424	93.21	05/25/1995
	GJ	5,914,182	06/22/99	Drumheller	428	308.4	06/03/1996
	GK	5,916,790	06/29/99	Enevold	435	178	03/03/1995
	GL	5,932,385	08/03/99	Takamura et al.	430	63	10/23/1997
	GM	5,948,735	09/07/99	Newlove et al.	507	238	04/14/1997
	GN	5,955,503	09/21/99	Leone-Bay et al.	514	563	02/06/1997
P	GO	5,962,015	10/05/99	Delrieu et al	424	450	05/02/1997

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)


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Form PTO-1449 (Modified)

App. Docket No.  
1894-0501Serial No.  
09/711,655**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Michael A. FREEMAN et al.Filing Date  
November 13, 2000Group  
1712**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PP	GP	5,965,121	10/12/99	Leone-Bay et al.	424	85.2	02/06/1997
	GQ	5,968,794	10/19/99	Samain et al.	435	178	01/23/1998
	GR	5,972,387	10/26/99	Milstein et al.	424	491	11/21/1994
	GS	6,069,118	05/30/00	Hinkel et al.	507	277	05/28/1998
	GT	6,110,875	08/29/00	Tjon-Joe-Pin et al.	507	201	03/07/1997
	GU	6,131,661	10/17/00	Conner et al.	166	300	08/03/1998
	GV	6,138,760	10/31/00	Lopez et al.	166	300	12/07/1998
PT	GW	6,140,277	10/31/00	Tibbles et al.	507	201	12/31/1998

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**


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